

Patent claims

1. Homo- and/or co-polymers of one or more ethylenically unsaturated monomers selected from at least one from the group of the mono- or poly-unsaturated olefins, vinyl acetate, styrene,  $\alpha$ -methylstyrene, styrenes substituted at the nucleus, vinyl cyanides, maleic anhydride, N-substituted maleimides, chloroprene, C<sub>1</sub>-C<sub>8</sub>-alkyl acrylates and methacrylates, which contain less than 100 ppm of coarse portions having a mean particle diameter of from 200 to 500  $\mu$ m. *See p. 32, A4*

2. Homo- and/or co-polymers according to claim 1, characterised in that they contain  $\leq 50$  ppm of coarse portions having a mean particle diameter of from 200 to 500  $\mu$ m.

3. Homo- and/or co-polymers according to either claim 1 or claim 2, characterised in that they contain  $\leq 1000$  ppm of coarse portions having a mean particle diameter of from 100 to 200  $\mu$ m.

4. Homo- and/or co-polymers according to any one of claims 1 to 3, characterised in that they contain  $\leq 500$  ppm of coarse portions having a mean particle diameter of from 100 to 200  $\mu$ m.

5. Homo- and/or co-polymers according to any one of claims 1 to 4, characterised in that they contain  $\leq 10,000$  ppm of coarse portions having a mean particle diameter of from 50 to 100  $\mu$ m.

6. Homo- and/or co-polymers according to any one of claims 1 to 5, characterised in that they contain  $\leq 5000$  ppm of coarse portions having a mean particle diameter of from 50 to 100  $\mu$ m.

0031097 050301  
FOUO 260880

7. Thermoplastic moulding compositions, characterised in that they contain homo- and co-polymers according to any one of claims 1 to 6.
8. Thermoplastic moulding compositions according to claim 7, characterised in that they contain graft polymers of resin-forming vinyl polymers from a rubber.
9. Thermoplastic moulding compositions according to either claim 7 or claim 8, characterised in that they contain thermoplastic polycarbonates and/or polyester carbonates.
10. Thermoplastic moulding compositions according to any one of claims 7 to 9, characterised in that they contain polyesters.
11. Thermoplastic moulding compositions according to any one of claims 7 to 10, characterised in that they contain flameproofing agents.
12. Thermoplastic moulding compositions according to any one of claims 7 to 11, characterised in that they contain inorganic compounds.
13. Thermoplastic moulding compositions according to any one of claims 7 to 12, characterised in that they contain polyolefins.
14. Use of the homo- and/or co-polymers according to any one of claims 1 to 6 for the preparation of moulding compositions.
15. Use of the moulding compositions according to any one of claims 7 to 13 for the production of moulded bodies.

Sub A3

**SECRET**

